

<b>PTO/SB/08a (08-03)</b> U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>	<b>APPLICATION NO.:</b> 10/750,720	<b>FILING DATE:</b> December 31, 2003
	<b>APPLICANT:</b> Luettgen et al.	<b>ART UNIT:</b> 3732
	<b>EXAMINER NAME:</b> Not Yet Assigned	<b>ATTY. DOCKET NO.:</b> 2056/US/2

U.S. PATENT DOCUMENTS					
EXAMINER INITIALS*	Cite No. <sup>1</sup>	PATENT NUMBER	ISSUE DATE	Name of Patentee of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		

U.S. PUBLICATION DOCUMENTS					
EXAMINER INITIALS*	Cite No. <sup>1</sup>	PUBLICATION NUMBER	PUBLICATION DATE	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
RL	1.	2005/0255427	11/2005	Shortt et al.	
RL	2.	2005/0189000	09/2005	Cacka et al.	
RL	3.	2005/0266376	12/2005	Sokol et al.	

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)	MM-DD-YYYY			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	Cite No. <sup>2</sup>	Include name of Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
EXAMINER /Ralph Lewis/			DATE CONSIDERED 10/29/2006
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<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08a (08-03)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Substitute for Form 1449A/PTOINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Luettgen et al.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PATENT NUMBER	ISSUE DATE	Name of Patentee of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)	MM-DD-YYYY		
CJ	1.	933,718	09/1909	Mahoney	
	2.	1,033,819	07/1912	McMann	
	3.	1,278,225	09/1918	Schamberg	
	4.	1,800,993	04/1931	Funk	
	5.	1,992,770	02/1935	Rathbun	
	6.	2,218,072	10/1940	Runnels	
	7.	2,405,029	07/1946	Gallanty et al.	
	8.	2,543,999	03/1951	Voss	
	9.	2,583,750	01/1952	Runnels	
	10.	2,977,682	04/1961	Flatray	
	11.	3,364,576	01/1968	Kern, Jr.	
	12.	3,509,874	05/1970	Stillman	
	13.	3,608,548	09/1971	Lewis	
	14.	4,303,064	12/1981	Buffa	
	15.	4,346,492	08/1982	Solow	
	16.	4,356,585	11/1982	Protell et al.	
	17.	4,450,599	05/1984	Scheller et al.	
	18.	4,455,704	06/1984	Williams	
	19.	4,488,327	12/1984	Snider	
	20.	4,490,114	12/1984	Kleesattel	
	21.	4,543,679	10/1985	Rosofsky et al.	
	22.	4,578,033	03/1986	Mossle et al.	
	23.	4,610,043	09/1986	Vezjak	
	24.	4,908,902	03/1990	McNab et al.	
	25.	5,146,643	09/1992	Bojar et al.	
	26.	5,152,394	10/1992	Hughes	
	27.	5,163,375	11/1992	Withers et al.	
	28.	5,167,193	12/1992	Withers et al.	
	29.	5,184,368	02/1993	Holland	
	30.	5,245,117	09/1993	Withers et al.	
	31.	5,339,482	08/1994	Desimone et al.	
	32.	5,438,726	08/1995	Leite	
	33.	5,530,981	07/1996	Chen	
	34.	5,544,382	08/1996	Giuliani et al.	
	35.	5,546,626	08/1996	Chung	
	36.	5,561,881	10/1996	Klinger et al.	
	37.	5,584,690	12/1996	Maassarani	

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		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
C A L ↑       ↓ C O A	38.	D376,695	12/1996	Tveras	
	39.	5,623,746	04/1997	Ichiro	
	40.	5,653,591	08/1997	Loge	
	41.	5,704,087	01/1998	Strub	
	42.	5,980,541	11/1999	Tenzer	
	43.	6,081,957	07/2000	Webb	
	44.	6,233,773	05/2001	Karge et al.	
	45.	6,360,398	03/2002	Wiegner et al.	
	46.	6,375,459	04/2002	Kamen et al.	
	47.	6,659,674	12/2003	Carlucci et al.	
	48.	6,785,929	09/2004	Fritsch et al.	

## U.S. PUBLICATION DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PUBLICATION NUMBER	PUBLICATION DATE	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
C O A	49.	2005/0004498	01/2005	Klupt	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>2</sup> - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY			
C O A	50.	EP0210094	06/1986	Amaud		

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>2</sup>	Include name of Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>
EXAMINER		DATE CONSIDERED	
C O A		4/14/02	
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2056/US/2	APPLN. NO. 10/750,720
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT: Luettgen et al.	
		FILING DATE December 31, 2003	ART UNIT 3732

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CP</i>	1.	2,450,635	10/1948	Dembenski			
	2.	2,577,597	12/1951	Wright et al.			
	3.	2,962,033	11/1960	Lew			
	4.	3,289,681	12/1966	Chambers			
	5.	3,311,116	03/1967	Foster			
	6.	D234,518	03/1975	Gerlich			
	7.	4,844,104	07/1989	Martin			
	8.	4,875,265	10/1989	Yoshida			
	9.	4,877,934	10/1989	Spinello			
	10.	4,892,191	01/1990	Nakamura			
	11.	5,183,156	02/1993	Bruno			
	12.	5,193,678	03/1993	Janocik et al.			
	13.	5,246,022	09/1993	Israel et al.			
	14.	5,299,723	04/1994	Hempel			
	15.	D381,468	07/1997	Dolan et al.			
	16.	D413,694	09/1999	Bennett			
<i>CP</i>	17.	6,220,857	04/2001	Abels			

## U.S. PUBLICATION DOCUMENTS

EXAMINER INITIAL		PUBLICATION NUMBER	PUBLICATION DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CP</i>	18.	2003/0064348	04/2003	Sokol et al.			
<i>CP</i>	19.	2003/0162146	08/2003	Shortt et al.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
EXAMINER	DATE CONSIDERED
<i>Casey</i>	4/14/06
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CRL</i>	1.	4,875,265	10/24/1989	Yoshida			
<i>CRL</i>	2.	4,877,934	10/31/1989	Spinello			
<i>CRL</i>	3.	4,892,191	01/09/1990	Nakamura			
<i>CRL</i>	4.	5,183,156	02/02/1993	Bruno			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>CRL</i>	DATE CONSIDERED
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OKL	1	684,951	10/22/1901	Rothkranz			
↑	2	1,313,490	08/19/1919	Larson			
	3	1,355,037	10/05/1920	Dziuk			
	4	1,424,879	08/08/1922	Carlstedt			
	5	1,517,320	12/02/1924	Stoddart			
	6	1,696,835	12/25/1928	Burnett			
	7	1,703,642	02/26/1929	Sticht			
	8	1,796,641	03/17/1931	Zimmerman et al.			
	9	1,832,519	11/17/1931	Wheat et al.			
	10	1,880,617	10/04/1932	White			
	11	2,016,597	10/08/1935	Drake			
	12	2,044,863	06/23/1936	Sticht			
	13	2,158,738	05/16/1939	Baker et al.			
	14	2,206,726	07/02/1940	Lasater			
	15	2,246,523	06/24/1941	Kulik			
	16	2,278,365	03/31/1942	Daniels			
	17	2,282,700	05/12/1942	Bobbhoff			
	18	2,598,275	05/27/1952	Lakin			
	19	2,709,227	05/24/1955	Foley et al.			
	20	2,728,928	01/03/1956	Beeren			
	21	2,734,139	02/07/1956	Murphy			
	22	2,806,235	09/17/1957	Carstairs et al.			
	23	2,875,458	03/03/1959	Tsuda			
	24	2,917,758	12/22/1959	Held et al.			
	25	2,931,371	04/05/1960	Pelitta			
	26	2,977,614	04/04/1961	Demanuele			
	27	3,104,405	09/24/1963	Perrinjaquet			
	28	3,106,216	10/08/1963	Kirby			
	29	D197,048	12/10/1963	Troy			
	30	D197,208	12/31/1963	Cassidy et al.			
	31	3,143,697	08/04/1964	Springer			
	32	3,145,404	08/25/1964	Fiedler			
OKL	33	D199,560	11/17/1964	Thompson			
	34	3,159,859	12/08/1964	Rasmussen			

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C.R. ↑	35	D199,893	12/29/1964	Bond et al.			
	36	3,181,189	05/04/1965	Leyden			
	37	3,183,538	05/18/1965	Hubner			
	38	D202,873	11/16/1965	Husted			
	39	D204,127	03/22/1966	Syvertson			
	40	3,270,416	09/06/1966	Massa			
	41	3,316,576	05/02/1967	Urbrush			
	42	3,335,443	08/15/1967	Parisi et al.			
	43	3,346,748	10/10/1967	McNair			
	44	3,358,309	12/19/1967	Richardson			
	45	3,371,260	02/27/1968	Jackson et al.			
	46	3,375,820	04/02/1968	Kuris et al.			
	47	D212,208	09/17/1968	Rogers			
	48	3,418,552	12/24/1968	Holmes			
	49	3,421,524	01/14/1969	Waters			
	50	3,430,279	03/04/1969	Hintze			
	51	3,463,994	08/26/1969	Spohr			
	52	3,466,689	09/16/1969	Aurelio et al.			
	53	3,472,045	10/14/1969	Nelsen et al.			
	54	3,472,247	04/14/1969	Borsum et al.			
	55	3,474,799	10/28/1969	Cappello			
	56	3,535,726	10/27/1970	Sawyer			
	57	3,538,359	11/03/1970	Barowski			
	58	3,552,022	01/05/1971	Axelsson			
	59	3,559,292	02/02/1971	Weissman			
	60	3,563,233	02/16/1971	Bodine			
	61	3,588,936	06/29/1971	Duve			
	62	3,590,814	07/01/1971	Bennett et al.			
	63	D221,823	09/14/1971	Cook			
	64	3,642,344	02/15/1972	Corker			
	65	3,651,576	03/28/1972	Massa			
	66	3,660,902	05/09/1972	Axelsson			
	67	3,667,483	06/06/1972	McCabe			
	68	3,672,378	06/27/1972	Silverman			
	69	3,676,218	07/11/1972	Sawyer			
	70	3,759,274	09/18/1973	Warner			
	71	3,760,799	09/25/1973	Crowson			
	72	3,809,977	05/07/1974	Balamuth et al.			
	73	3,831,611	08/27/1974	Hendricks			
C.R. ✓	74	3,840,932	10/15/1974	Balamuth et al.			
	75	3,847,167	11/12/1974	Brien			

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Ch</i>	76	3,882,364	05/06/1975	Wright et al.	<del>     </del>	<del>     </del>	
<i>Ch</i>	77	3,902,510	09/02/1975	Roth	<del>     </del>	<del>     </del>	
	78	3,903,601	09/09/1975	Anderson et al.	<del>     </del>	<del>     </del>	
	79	3,967,617	07/06/1976	Krolik	<del>     </del>	<del>     </del>	
	80	3,978,852	09/07/1976	Annoni	<del>     </del>	<del>     </del>	
	81	3,980,906	09/14/1976	Kuris et al.	<del>     </del>	<del>     </del>	
	82	4,004,344	01/25/1977	Gold et al.	<del>     </del>	<del>     </del>	
	83	4,005,722	02/01/1977	Bragg	<del>     </del>	<del>     </del>	
	84	4,008,728	02/22/1977	Sanchez	<del>     </del>	<del>     </del>	
	85	4,014,354	03/29/1977	Garrett	<del>     </del>	<del>     </del>	
	86	4,019,522	04/26/1977	Elbreder	<del>     </del>	<del>     </del>	
	87	4,048,723	09/20/1977	Thorup	<del>     </del>	<del>     </del>	
	88	4,064,883	12/27/1977	Oldham	<del>     </del>	<del>     </del>	
	89	4,133,339	01/09/1979	Naslund	<del>     </del>	<del>     </del>	
	90	4,177,434	12/04/1979	Ida	<del>     </del>	<del>     </del>	
	91	D254,162	02/12/1980	Barker	<del>     </del>	<del>     </del>	
	92	4,192,035	03/11/1980	Kuris	<del>     </del>	<del>     </del>	
	93	4,203,431	05/20/1980	Abura et al.	<del>     </del>	<del>     </del>	
	94	4,205,664	06/03/1980	Baccialon	<del>     </del>	<del>     </del>	
	95	4,219,619	08/26/1980	Zarow	<del>     </del>	<del>     </del>	
	96	4,235,253	11/25/1980	Moore	<del>     </del>	<del>     </del>	
	97	4,245,658	01/20/1981	Lecouturier	<del>     </del>	<del>     </del>	
	98	RE30,536	03/03/1981	Perdreux, Jr.	<del>     </del>	<del>     </del>	
	99	4,255,693	03/10/1981	Keidl	<del>     </del>	<del>     </del>	
	100	4,265,257	05/05/1981	Salyer	<del>     </del>	<del>     </del>	
	101	4,271,382	06/02/1981	Maeda et al.	<del>     </del>	<del>     </del>	
	102	4,271,384	06/02/1981	Beling et al.	<del>     </del>	<del>     </del>	
	103	4,271,854	06/01/1981	Bengtsson	<del>     </del>	<del>     </del>	
	104	4,275,363	06/23/1981	Mishiro et al.	<del>     </del>	<del>     </del>	
	105	4,289,486	09/15/1981	Sargeant	<del>     </del>	<del>     </del>	
	106	4,307,740	12/29/1981	Florindez et al.	<del>     </del>	<del>     </del>	
	107	4,319,377	03/16/1982	Tarrson et al.	<del>     </del>	<del>     </del>	
	108	4,319,595	03/16/1982	Ulrich	<del>     </del>	<del>     </del>	
	109	4,326,547	04/27/1982	Verplank	<del>     </del>	<del>     </del>	
	110	4,326,548	04/27/1982	Wagner	<del>     </del>	<del>     </del>	
	111	4,326,549	04/27/1982	Hinding	<del>     </del>	<del>     </del>	
	112	4,331,422	05/25/1982	Heyman	<del>     </del>	<del>     </del>	
	113	4,333,197	06/08/1982	Kuris	<del>     </del>	<del>     </del>	
	114	4,336,622	06/29/1982	Teague, Jr. et al.	<del>     </del>	<del>     </del>	
<i>Ch</i>	115	4,338,957	07/13/1982	Meibauer	<del>     </del>	<del>     </del>	
<i>Ch</i>	116	D265,515	07/20/1982	Levine	<del>     </del>	<del>     </del>	



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<i>C</i>	117	4,347,839	09/07/1982	Youngclaus, Jr.			
	118	4,353,141	10/12/1982	Teague, Jr. et al.			
	119	4,381,478	04/26/1983	Saijo et al.			
	120	4,395,665	07/26/1983	Buchas			
	121	4,397,327	08/09/1983	Hadary			
	122	D272,565	02/07/1984	Levine			
	123	D272,680	02/07/1984	Stocchi			
	124	4,429,997	02/07/1984	Matthews			
	125	4,432,729	02/21/1984	Fattaleh			
	126	4,434,806	03/06/1984	Givens			
	127	4,442,830	04/17/1984	Markau			
	128	4,458,702	07/10/1984	Grollmund			
	129	4,505,678	03/19/1985	Andersson			
	130	4,522,355	06/11/1985	Moran			
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	132	4,562,413	12/31/1985	Mishiro et al.			
	133	4,564,794	01/14/1986	Kilen et al.			
	134	4,576,190	03/18/1986	Youssef			
	135	4,577,649	03/25/1986	Shimenkov			
	136	D283,374	04/15/1986	Cheuk-Yiu			
	137	4,585,415	04/29/1986	Hommann			
	138	4,586,521	05/06/1986	Urso			
	139	4,603,448	08/05/1986	Middleton et al.			
	140	4,605,025	08/12/1986	McSpadden			
	141	4,608,019	08/26/1986	Kumabe et al.			
	142	4,617,718	10/21/1986	Andersson			
	143	4,634,376	01/06/1987	Mossle et al.			
	144	4,644,937	02/24/1987	Hommann			
	145	4,655,198	04/07/1987	Hommann			
	146	4,698,869	10/13/1987	Mierau et al.			
	147	4,706,695	11/17/1987	Urso			
	148	D294,885	03/29/1988	Mollenhoff			
	149	4,766,630	08/30/1988	Hegemann			
	150	4,787,847	11/29/1988	Martin et al.			
	151	4,791,940	12/20/1988	Hirshfeld et al.			
	152	4,811,445	03/14/1989	Lagieski et al.			
	153	4,820,153	04/11/1989	Romhild et al.			
	154	4,820,154	04/11/1989	Romhild et al.			
	155	4,827,550	05/19/1989	Graham et al.			
<i>C</i>	156	4,832,063	05/23/1989	Smole			
<i>C</i>	157	4,845,795	07/11/1989	Crawford et al.			

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CR	158	4,856,133	08/15/1989	Sanchez			
	159	4,871,396	10/03/1989	Tsujita et al.			
	160	D303,876	10/10/1989	Clemens et al.			
	161	4,873,496	10/10/1989	Ongihara et al.			
	162	4,879,781	11/14/1989	Desimone			
	163	4,880,382	11/14/1989	Moret et al.			
	164	4,887,052	12/12/1989	Murakami et al.			
	165	4,913,176	04/01/1990	DeNiro			
	166	4,913,133	04/03/1990	Tichy			
	167	4,922,936	05/08/1990	Buzzi et al.			
	168	4,974,278	12/04/1990	Hommann			
	169	4,989,287	02/05/1991	Scherer			
	170	4,991,249	02/12/1991	Suroff			
	171	4,995,403	02/26/1991	Beckman et al.			
	172	5,000,684	03/19/1991	Odrich			
	173	5,002,487	03/26/1991	Tichy			
	174	5,007,127	04/16/1991	Paolo			
	175	5,016,660	05/21/1991	Boggs			
	176	5,020,179	06/04/1991	Scherer			
	177	5,033,150	07/23/1991	Gross et al.			
	178	D319,363	08/27/1991	Uemura et al.			
	179	5,050,625	09/24/1991	Siekman			
	180	D321,285	11/05/1991	Hirabayashi			
	181	5,062,797	11/05/1991	Gonser			
	182	5,067,223	11/26/1991	Bruno			
	183	5,068,939	12/03/1991	Holland			
	184	5,069,621	12/03/1991	Paradis			
	185	D321,986	12/05/1991	Snyder et al.			
	186	5,069,233	12/09/1991	Ritter			
	187	5,071,348	12/10/1991	Woog			
	188	5,072,477	12/17/1991	Pai			
	189	5,072,482	12/17/1991	Bojar et al.			
	190	5,077,855	01/07/1992	Ambasz			
	191	5,085,236	02/04/1992	Odneal et al.			
	192	5,088,145	02/18/1992	Whitefield			
	193	5,094,256	03/10/1992	Barth			
	194	5,095,470	03/10/1992	Oka et al.			
	195	5,100,321	03/31/1992	Coss et al.			
	196	5,120,225	06/09/1992	Amit			
C	197	5,123,841	08/23/1992	Millner			
	198	5,125,837	06/30/1992	Warrin et al.			

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C.R.	199	5,133,661	07/28/1992	Euvrard			
	200	5,138,733	08/18/1992	Bock			
	201	5,145,369	09/08/1992	Lustig et al.			
	202	5,150,492	09/29/1992	Suroff			
	203	5,151,030	09/29/1992	Comeaux			
	204	5,165,131	11/24/1992	Staer			
	205	5,169,313	12/08/1992	Kline			
	206	5,170,809	12/15/1992	Imai et al.			
	207	5,174,314	12/29/1992	Charatan			
	208	5,176,157	01/05/1993	Mazza			
	209	5,177,826	01/12/1993	Vrignaud et al.			
	210	5,180,363	01/19/1993	Idemoto et al.			
	211	5,183,063	02/02/1993	Ringle et al.			
	212	5,184,632	02/09/1993	Gross et al.			
	213	5,186,191	02/16/1993	Loubler			
	214	5,188,133	02/23/1993	Romanus			
	215	5,189,751	03/02/1993	Giuliani et al.			
	216	5,198,732	03/30/1993	Morimoto			
	217	5,201,092	04/13/1993	Colson			
	218	5,207,773	05/04/1993	Henderson			
	219	5,213,434	05/25/1993	Hahn			
	220	5,214,819	06/01/1993	Kirchner			
	221	5,217,031	06/08/1993	Santoro			
	222	5,224,500	07/06/1993	Stella			
	223	5,226,206	07/13/1993	Davidovitz et al.			
	224	5,236,358	08/17/1993	Sieffert			
	225	5,247,716	09/28/1993	Bock			
	226	5,253,382	10/19/1993	Beny			
	227	5,261,430	11/16/1993	Mochel			
	228	5,263,218	11/23/1993	Giuliani et al.			
	229	D341,943	12/07/1993	Si-Hoe			
	230	5,267,579	12/07/1993	Bushberger			
	231	5,279,314	01/18/1994	Poulos et al.			
	232	5,289,604	03/01/1994	Kressner			
	233	5,293,886	03/15/1994	Czapor			
	234	5,294,896	03/15/1994	Kjellander et al.			
	235	5,305,492	04/26/1994	Giuliani et al.			
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	237	5,309,591	05/10/1994	Hägele et al.			
C.R.	238	5,311,632	05/17/1994	Center			
	239	5,311,633	05/17/1994	Herzog et al.			

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CR	240	5,323,796	06/28/1994	Urso			
↑	241	5,337,435	08/16/1994	Krasner et al.			
	242	5,341,534	08/30/1994	Serbinski et al.			
	243	5,353,460	10/11/1994	Bauman			
	244	5,354,246	10/11/1994	Gotman			
	245	5,355,638	10/18/1994	Hoffman			
	246	5,358,328	10/25/1994	Inoue et al.			
	247	5,359,747	11/01/1994	Amakasu			
	248	5,369,831	12/16/1994	Bock			
	249	D353,490	12/20/1994	Hartwein			
	250	5,378,153	01/03/1995	Giuliani et al.			
	251	D354,168	01/10/1995	Hartwein			
	252	5,383,242	01/24/1995	Bigler et al.			
	253	5,393,229	02/28/1995	Ram			
	254	5,400,811	03/28/1995	Meibauer			
	255	5,404,608	04/11/1995	Hommann			
	256	5,406,664	04/18/1995	Hukuba			
	257	5,406,965	04/18/1995	Levine			
	258	5,411,041	05/02/1995	Ritter			
	259	5,412,827	05/09/1995	Muller et al.			
	260	D358,486	05/23/1995	Loew			
	261	5,416,942	05/23/1995	Baldacci et al.			
	262	D358,713	05/30/1995	Perry			
	263	D358,801	05/30/1995	Vos			
	264	5,419,346	05/30/1995	Tipp			
	265	5,419,703	05/30/1995	Warrin et al.			
	266	5,421,726	06/06/1995	Okada			
	267	5,459,898	10/24/1995	Bacolot			
	268	D363,605	10/31/1995	Kou et al.			
	269	5,467,494	11/21/1995	Muller et al.			
	270	5,467,495	11/21/1995	Boland et al.			
	271	5,482,466	01/09/1996	Haynes			
	272	5,484,281	01/16/1996	Renow et al.			
	273	5,496,256	03/05/1996	Bock et al.			
	274	5,499,420	03/19/1996	Boland			
	275	5,504,958	04/09/1996	Herzog			
	276	5,511,270	04/30/1996	Eliachar et al.			
	277	5,511,275	04/30/1996	Volpenhein et al.			
	278	D370,125	05/28/1996	Craft et al.			
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C/A	281	D371,242	07/02/1996	Shimatsu et al.			
	282	5,545,968	08/13/1996	Hilfinger et al.			
	283	5,546,624	08/20/1996	Bock			
	284	5,573,020	11/12/1996	Robinson			
	285	D375,841	11/26/1996	Serbinski			
	286	5,577,285	11/26/1996	Drossler			
	287	5,579,786	12/03/1996	Wolk et al.			
	288	5,588,452	12/01/1996	Peck			
	289	5,606,984	03/04/1997	Gao			
	290	5,613,258	03/25/1997	Hilfinger et al.			
	291	5,613,259	03/25/1997	Craft et al.			
	292	5,617,601	04/08/1997	McDougall			
	293	5,618,275	04/08/1997	Bock			
	294	5,619,766	04/15/1997	Zhadanov et al.			
	295	5,625,916	05/08/1997	McDougall			
	296	5,651,157	07/29/1997	Hahn			
	297	5,652,990	08/05/1997	Driesen et al.			
	298	D382,407	08/19/1997	Craft et al.			
	299	5,678,274	10/21/1997	Liu			
	300	5,678,578	10/21/1997	Kossak et al.			
	301	5,697,117	12/16/1997	Craft			
	302	5,700,146	12/23/1997	Kucar			
	303	RE35,712	01/13/1998	Murayama			
	304	5,709,233	01/20/1998	Boland et al.			
	305	5,718,667	02/17/1998	Sugimoto et al.			
	306	5,732,433	03/31/1998	Göcking et al.			
	307	5,738,575	04/14/1998	Bock			
	308	5,742,972	04/28/1998	Bredall et al.			
	309	5,749,380	05/12/1998	Zebuhr			
	310	5,762,078	06/09/1998	Zebuhr			
	311	5,775,346	07/01/1998	Szyszkowski			
	312	5,784,742	07/28/1998	Giuliani et al.			
	313	5,784,743	07/28/1998	Shek			
	314	5,787,908	08/04/1998	Robinson			
	315	5,794,295	08/18/1998	Shen			
	316	5,815,872	10/06/1998	Meginnis, III et al.			
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	318	5,827,064	10/27/1998	Bock			
	319	D400,713	11/10/1998	Solanki			
C/A	320	5,836,030	11/17/1998	Hazeu et al.			
	321	5,842,244	12/01/1998	Hilfinger et al.			

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C.R.	322	5,850,655	12/22/1998	Göcking et al.			
↑	323	D403,511	01/05/1999	Serbinski			
	324	5,855,216	01/05/1999	Robinson			
	325	5,862,558	01/26/1999	Hilfinger et al.			
	326	5,864,915	02/02/1999	Ra			
	327	5,867,856	02/09/1999	Herzog			
	328	5,893,175	04/13/1999	Cooper			
	329	5,896,615	04/27/1999	Zaksenberg			
	330	5,899,693	05/04/1999	Himeno et al.			
	331	5,908,038	06/01/1999	Bennett			
	332	D410,787	06/08/1999	Barre et al.			
	333	5,921,254	07/13/1999	Carlucci et al.			
	334	5,927,300	07/27/1999	Boland et al.			
	335	5,930,858	08/03/1999	Jung			
	336	5,931,170	08/03/1999	Wu			
	337	5,943,723	08/31/1999	Hilfinger et al.			
	338	5,944,033	08/31/1999	Robinson			
	339	D414,937	10/12/1999	Comu et al.			
	340	D414,939	10/12/1999	Pedro, Jr. et al.			
	341	5,974,613	11/02/1999	Herzog			
	342	5,974,615	11/02/1999	Schwarz-Hartmann et al.			
	343	5,987,681	11/23/1999	Hahn et al.			
	344	5,991,957	11/30/1999	Watanabe			
	345	6,000,083	12/14/1999	Blaustein et al.			
	346	D417,960	12/28/1999	Moskovich et al.			
	347	6,009,589	01/04/2000	Driesen et al.			
	348	6,021,538	02/08/2000	Kressner et al.			
	349	6,032,313	03/07/2000	Tsang			
	350	6,035,476	03/14/2000	Underwood et al.			
	351	6,047,711	04/11/2000	Wagner			
	352	6,050,818	04/18/2000	Boland et al.			
	353	D423,784	05/02/2000	Joulin			
	354	6,065,176	05/23/2000	Watanabe et al.			
	355	6,095,811	08/01/2000	Stearns			
	356	6,102,700	08/15/2000	Haczek et al.			
	357	6,165,131	12/26/2000	Cuse et al.			
	358	D437,090	01/30/2001	Lang et al.			
	359	D437,091	01/30/2001	Lang et al.			
	360	6,183,254	02/06/2001	Cohen			
C.R.	361	D437,663	02/13/2001	Lang et al.			

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CP	362	D437,976	02/20/2001	Narayanan et al.			
	363	D437,977	02/20/2001	Lang et al.			
	364	D438,306	02/27/2001	Narayanan			
	365	6,253,404	07/03/2001	Boland et al.			
	366	6,267,593	07/31/2001	Haczek et al.			
	367	6,299,444	10/09/2001	Cohen			
	368	6,349,442	02/26/2002	Cohen et al.			
	369	RE36,699	05/16/2002	Murayama			
	370	6,422,867	07/23/2002	Lang et al.			
	371	6,447,293	09/10/2002	Sokol et al.			
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	373	6,526,994	03/04/2003	Santoro			
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CP	375	2001/0039955	11/15/2001	Winters et al.			
	376	2002/0059685	05/23/2002	Paffrath			
	377	2002/0078974	06/27/2002	Kossak et al.			
	378	2002/0106607	08/08/2002	Horowitz			
	379	2002/0121283	09/05/2002	Piccolo et al.			
	380	2002/0170570	11/21/2002	Bergman			
	381	2002/0178519	12/05/2002	Zarlengo			
	382	2002/0185149	12/12/2002	Ali			
	383	2003/0005544	01/09/2003	Felix			
	384	2003/0029472	02/13/2003	Adler			
	385	2003/0098037	05/29/2003	Dougan et al.			
	386	2003/0106565	06/12/2003	Andrews			
	387	2003/0111091	06/19/2003	Hotta et al.			
CP	388	2003/0140937	07/31/2003	Cook			
	390	2003/0140939	07/31/2003	Nudo, SR.			
	391	2003/0150474	08/14/2003	Doyscher			
	392	2003/0196677	10/23/2003	Wiseman			

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CK	393	EP 0354352	02/01/1990	EPO			X	
↑	394	EP 0661025 B1	07/05/1995	EPO				X
	395	FR 429447	09/22/1911	France				X
	396	FR 1,171,337	01/23/1959	France				X
	397	FR 243224	04/10/1910	Germany				X
	398	DE 1766651 C1	12/03/1981	Germany			X	
	399	DE 3431481	02/01/1986	Germany			X	
	400	DE 3512190 A1	10/01/1986	Germany			X	
	401	DE 8626725	05/21/1987	Germany				X
	402	DE 3736308 A1	07/27/1989	Germany			X	
	403	DE 4142404 C2	07/02/1991	Germany			X	
	404	DE 4003305 A1	08/01/1991	Germany			X	
	405	DE 4223195 A1	01/20/1994	Germany			X	
	406	DE 4223196 A1	01/20/1994	Germany			X	
	407	DE 4226659 A1	02/01/1994	Germany			X	
	408	DE 4226658	02/17/1994	Germany			X	
	409	DE 4241576	06/16/1994	Germany			X	
	410	DE 4309078 A1	09/01/1994	Germany			X	
	411	DE 29715234 U1	12/04/1997	Germany			X	
	412	DE 19961447	07/05/2001	Germany			X	
	413	GB 899,618	06/27/1962	Great Britain				X
	414	JP 53-33753	03/29/1978	Japan			X	
	415	JP 3-222905 A	10/01/1991	Japan			X	
	416	SE 324,221	05/01/1970	Sweden				X
	417	CH 435,553	10/31/1967	Switzerland				X
	418	CH 609,238	02/28/1979	Switzerland			X	
	419	GB 477,799	01/01/1938	UK				X
	420	GB 500,517	02/01/1939	UK				X
	421	GB 1,583,558	08/01/1977	UK				X
	422	GB 2,175,494	12/01/1986	UK				X
	423	WO 91/19437	12/28/1991	WIPO				X
	424	WO 91/13570	09/01/1991	WIPO				X
	425	WO 92/10146	06/25/1992	WIPO				X
	426	WO 92/16160	10/01/1992	WIPO				X
	427	WO 93/10721	06/01/1993	WIPO				X
	428	WO 93/15628	08/19/1993	WIPO				X
	429	WO 94/04093	03/01/1994	WIPO			X	
	430	WO 94/26144	11/01/1994	WIPO				X
em	431	WO 95/02375	01/26/1995	WIPO				X
	432	WO 95/33419	12/14/1995	WIPO				X



## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CR	433	WO 98/47443	10/29/1998	WIPO			X	
↑	434	WO 01/28452	04/26/2001	WIPO			X	
↓	435	WO 01/45582	06/28/2001	WIPO				X
	436	WO 02/071970	09/19/2002	WIPO			X	
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CR								

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CR	438	Sonex International: Brushing with the Ultima- The World's Only Dual-Frequency Ultrasonic Toothbrush, July 28, 1999, published at Sonipic.com.
↑	449	Teledyne Water Pik "Plaque Control 3000" plaque removal instrument (Jul. 1991).
↓	440	American Dentronics Inc. "Soniplak" sonic plaque removal system (May 1993).
	441	Design of a Toothbrush, p. 361, Danish Official Design Gazette, published 5-16-97.
CR	442	Teledyne Water Pik "Sensonic" Toothbrush, sales brochure (at least as early as Sep. 1994).

EXAMINER	<i>Carey J. D. [Signature]</i>	DATE CONSIDERED	<i>4/14/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			